

Memo

To: Surveillance File
From: Karen Chandler
Date: July 21, 2006
Subject: Water in the Field south of the facility

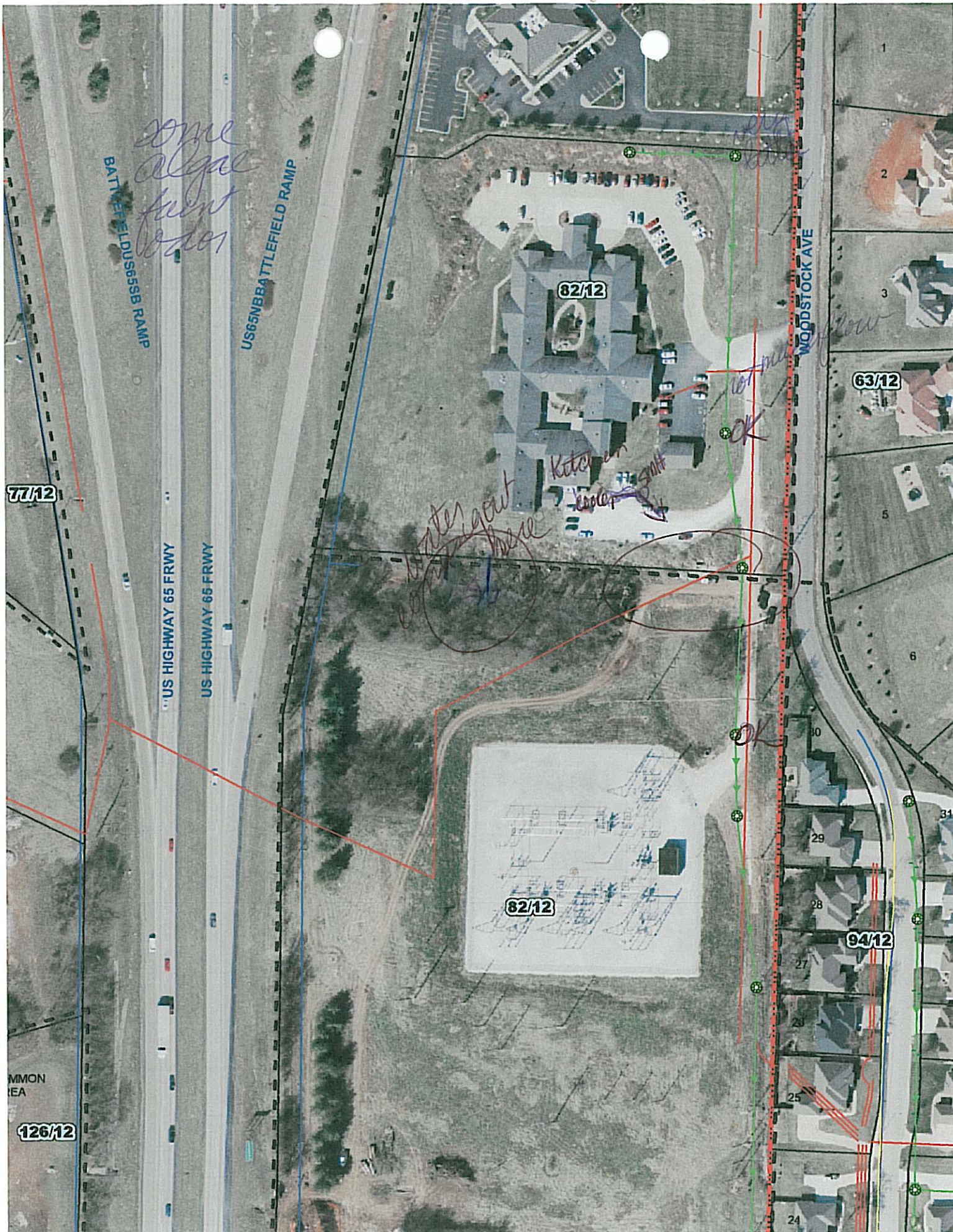
July 20, 2006 - This afternoon Carol Halford received a call from City Utilities personnel about water in the field to the south of the James River Care facility at 3550 E. Battlefield. The CU inspector didn't think this was City water. I went to this location and took pictures of the water in the field. It was running in a small stream at a steady rate. The water was clear, with some algae in it and had no odor. I looked in the MHs above and below the James River Care facility and saw no problem in our sewer line. I also looked in the sampling MH at the nursing home and there was obviously no obstruction in that line.

July 21, 2006 - Carol looked at the James River water bill this morning and saw that in the last two months the water usage had increased dramatically. I took a fecal coliform sample of the running water in the field. I met with Mr. James Raney, who is the head of maintenance, about this and told him we thought they had a water leak. I also gave him the printout of the water usage.


Karen Chandler

IPP

3550 E. Battlefield



Account Billing History: 2575000020 Jas River Care Cntr In

Action Help

Search Criteria

Account... 2575000020 Jas River Care Cntr In

Start Read Date: 07/25/2006

☐ Show Cancelled Bill Segments

☒ By SAs Of Type: W2-GS

☐ By SA: SA...

Apply Criteria

Bill Segments

	Read Date	SA Type	Read Codes	Bill Code	Days	Usage	Other Quantity	Amount
<input checked="" type="checkbox"/>	07/03/2006	W2-GS	R	S	31	1291.00 CCF	0.00	1,382.17
<input checked="" type="checkbox"/>	06/02/2006	W2-GS	R	S	28	933.00 CCF	0.00	1,108.97
<input checked="" type="checkbox"/>	05/05/2006	W2-GS	R	S	29	660.00 CCF	0.00	900.64
<input checked="" type="checkbox"/>	04/06/2006	W2-GS	R	S	29	501.00 CCF	0.00	779.30
<input checked="" type="checkbox"/>	03/08/2006	W2-GS	R	S	30	505.00 CCF	0.00	782.36
<input checked="" type="checkbox"/>	02/06/2006	W2-GS	R	S	32	761.00 CCF	0.00	977.72
<input checked="" type="checkbox"/>	01/05/2006	W2-GS	R	S	33	649.00 CCF	0.00	892.25
<input checked="" type="checkbox"/>	12/03/2005	W2-GS	R	S	36	406.00 CCF	0.00	786.19
<input checked="" type="checkbox"/>	10/28/2005	W2-GS	Y	S	29	583.00 CCF	0.00	817.70
<input checked="" type="checkbox"/>	09/29/2005	W2-GS	R	S	30	583.00 CCF	0.00	817.70
<input checked="" type="checkbox"/>	08/30/2005	W2-GS	R	S	28	591.00 CCF	0.00	823.65
<input checked="" type="checkbox"/>	08/02/2005	W2-GS	R	S	32	530.00 CCF	0.00	778.34

Financial Details...

Meter Read History...

Get More

Totals:

Utility Type	Days	Usage	Usage Per Day	Other Quantity	Amount	Amount Per Day
W	980	18,418.00 CCF	18.79 CCF	0	26,012.37	26.54

SysQL Co...

CIS PLUS ...

JetSearch: ...

S.O. Maint...

Customer C...

Meter Rea...

Account...

Account...

SOUTHWEST WASTEWATER PLANT LABORATORY
SPRINGFIELD, MISSOURI
ENVIRONMENTAL DATA REPORT
CONVENTIONAL PARAMETERS

SAMPLE NUMBER 8833
SAMPLE NAME WOODSTOCK ST

SAMPLE DATE	7/21/2006	SAMPLE CODE	IND
DATE SUBMITTED	7/21/2006	REMOVED BY	
TIME SUBMITTED	10:49	TIME SAMPLER IN	10:03
SAMPLE TYPE	GRAB	TIME SAMPLER OUT	
SUBMITTED BY	CHANDLER	METER START	
SET UP BY	CHANDLER	METER END	

COMMENTS

RECEIVED

JUL 25 2006

SEWER MAINTENANCE

BOD MG/L 5210B	TKN MG/L EPA 351.2	TOTAL COLI/100 mL 9222 B
pH STD UNITS 4500-H	TOX MG/L SW846 9020	FECAL COLI/100 mL 2200 9222 D
NFR MG/L 2540 D	O-PO4-P DIS MG/L EPA 365.1	FECAL STREP/100 mL 9230 C
COD MG/L 5220 D	TP MG/L EPA 365.4	TOTAL CL2 MG/L
TOC MG/L 5310 B	CN TOTAL MG/L EPA 335.4	FREE CL2 MG/L
NH3-N MG/L 4500-NH3 D	CN AMMEN MG/L EPA 335.4	SULFIDE MG/L 4500 S
NO3-N MG/L EPA 353.2	TDS MG/L 2540 C	FLUORIDE MG/L EPA 340.2
NO2-N MG/L EPA 353.2	PHENOLICS MG/L EPA 420.2	FLASH POINT DEG/C PMA 2
NO3 + NO2-N MG/L EPA 353.2	OIL GREASE MG/L 5520 F	IMHOFF CONE ML/L 2540 F
CHLORIDE MG/L EPA 325.2	ANIMAL VEGETABLE O G 5520 F	CONDUCTIVITY uMOH/cm 2510B
SULFATE MG/L EPA 375.4	HYDROCARBON OG 5520 F	CHLOROPHYLL a

WATER TEMP DEG/C

CITY OF SPRINGFIELD SAMPLING LOG SHEET

SAMPLE NAME WOODSTOCK ST TIME SAMPLER IN 10:03 : AM
 SAMPLE DATE 7/21/06 TIME SAMPLER OUT _____ : _____ : _____
 LAB CONTROL NUMBER 8833 METER END _____
 SAMPLE TYPE COMPOSITE [] GRAB [X] METER START _____
 SET UP BY KEITH DORR REMOVED BY _____ SAMPLER # _____

SPLIT YES [] NO [] INDUSTRY SIGNATURE _____ WEATHER _____

COMMENTS WATER IN FIELD BETWEEN JAMES RIVER CREEK CENTER & CU SUBSTATION. TAPPED TO JAMES RIVER @ JAMES RIVER CREEK CENTER

ANALYSIS REQUEST					
CONVENTIONAL PARAMETERS	METALS ANALYSES				OTHER PARAMETERS
	HNO ₃ _____ / FLT				
		TOTAL	DISLV	RECOV	
BOD ₅	CU				VOLATILE ORGANICS (624)
pH S.U.	CR				BASE NEUTRALS (625)
NFR (TSS)	ZN				ACID EXTRACTIBLES (625)
COD H ₂ SO ₄	CD				PESTICIDES (608)
TOC H ₂ SO ₄	PB				T.C.D.D.
TOX H ₂ SO ₄	NI				T.C.L.P.
NH ₃ -N H ₂ SO ₄	AG				FLUORIDE
NO ₃ -N	FE				CHLORIDE
NO ₂ -N	HG				SULFATE
NO ₃ +NO ₂ -N H ₂ SO ₄	MN				HARDNESS (CALC) CA,MG
TKN H ₂ SO ₄	BA				FLASHPOINT
O-PO ₄ -P D FLT	SE				SETTLABLE SOLIDS
TP TOTAL-P H ₂ SO ₄	AS				TOTAL PETROLEUM HYDROCARBONS
CN TOTAL NAOH	AL				BTEX
CN AMENA NAOH	SB				MICROTOX
TDS FLT	B				
PHENOLICS H ₂ SO ₄	CO				TURBIDITY
O & G -T H ₂ SO ₄	V				CONDUCTIVITY
O & G -A/V H ₂ SO ₄	CR+6				CONDCT. CORRECTED
	BE				COLOR
	TL				ODOR
	K				TEMP
TOTAL COLIFORM	NA				D.O.
FECAL COLIFORM ✓	MO				VOLUME
FECAL STREP	CA				pH METER NO.
E. COLI	MG				CONDUCTIVITY METER NO.

CHAIN OF CUSTODY RECORD

RELINQUISHED BY (SAMPLER) <u>G. Chandler</u>	DATE <u>7/21/06</u>	TIME <u>10:49</u>	RECEIVED BY <u>S. W. Wilson</u>	REASON FOR CHANGE OF CUSTODY
SEALED [] UNSEALED []			SEALED [] UNSEALED []	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
SEALED [] UNSEALED []			SEALED [] UNSEALED []	